

This fish, too, is remarkable for the very singular manner in which it is said to feed. It is asserted that it lives principally on ants and white ants, which it obtains by laying its tail out upon land. The ants, attracted by its mucous covering, crawl thickly upon it, when the fish dives down and leaves the ants struggling upon the surface of the water, where it is enabled to eat them at its leisure. The Indians assert that, when fishing at night, they often see this take place.

To give some idea of the distribution of fishes in the rivers of South America, I may mention, that of 205 species which I found in the Rio Negro,—

- 43 were spinous-finned fishes, principally *Percidæ* and *Labridæ* ;
- 54 were *Siluridæ* ;
- 80 were *Salmonidæ* ;
- 24 were other soft-finned fishes, of the families *Esocidæ*, *Anguillidæ* and *Cyprinidæ* ; and
- 4 were Ray fish (cartilaginous fishes).—*Zool. Proc.* July 12, 1853.

METEOROLOGICAL OBSERVATIONS FOR SEPT. 1854.

Chiswick.—September 1. Very fine. 2. Slight fog : very fine. 3. Foggy : very fine. 4. Foggy : slight haze : excessively dry air. 5. Very fine : hazy : fine. 6—10. Very fine. 11. Dense fog : clear : quite cloudless : very fine. 12. Dense fog : very fine. 13. Cloudy : rain. 14. Cloudy : slight rain : overcast. 15. Very fine. 16. Overcast. 17. Very fine. 18. Fine : cloudy : rain. 19. Overcast and windy : slight rain. 20. Cloudy : rain. 21. Clear : quite cloudless : fine : lightning in the evening. 22. Very clear : fine. 23. Densely overcast. 24, 25. Very fine. 26—29. Foggy, with very heavy dews in the mornings : very fine throughout the days : clear and cold at nights. 30. Dense fog throughout.

Mean temperature of the month	56°·93
Mean temperature of Sept. 1853	55·45
Mean temperature of Sept. for the last twenty-eight years...	56·98
Average amount of rain in Sept.	2·57 inches.

Boston.—Sept. 1—4. Fine. 5. Cloudy. 6. Fine. 7—9. Cloudy. 10—12. Fine. 13. Cloudy. 14. Rain A.M. 15—17. Cloudy. 18. Fine. 19. Cloudy : rain A.M. 20. Rain A.M. 21, 22. Fine. 23. Cloudy : rain A.M. 24. Cloudy : stormy A.M. and P.M. 25—29. Fine. 30. Foggy.

Sandwich Manse, Orkney.—Sept. 1. Cloudy A.M. : clear P.M. 2. Clear A.M. : cloudy P.M. 3. Clear, fine A.M. : clear P.M. 4. Rain A.M. : clear, fine P.M. 5. Cloudy, fine A.M. : cloudy P.M. 6. Drizzle A.M. : rain P.M. 7. Drizzle A.M. : cloudy P.M. 8. Cloudy A.M. : clear, fine, aurora P.M. 9. Clear, fine A.M. and P.M. 10. Bright, fine A.M. : clear, fine P.M. 11. Rain A.M. and P.M. 12. Clear, fine A.M. : cloudy P.M. 13. Clear A.M. : rain P.M. 14. Clear A.M. : showers P.M. 15. Showers A.M. and P.M. 16. Showers A.M. : cloudy P.M. 17. Bright A.M. : showers P.M. 18. Showers A.M. and P.M. 19. Bright A.M. : clear P.M. 20. Showers A.M. : cloudy P.M. 21. Bright A.M. : clear P.M. 22. Bright A.M. : cloudy P.M. 23, 24. Rain A.M. : clear P.M. 25. Showers A.M. : cloudy P.M. 26. Showers A.M. : clear P.M. 27. Clear A.M. : cloudy P.M. 28. Clear, fine A.M. : clear P.M. 29. Cloudy A.M. and P.M. 30. Hazy A.M. : clear P.M.

Mean temperature of Sept. for twenty-seven previous years .	52°·32
Mean temperature of this month	55·07
Mean temperature of Sept. 1853	53·28
Average quantity of rain in Sept. for fourteen previous years	2·81 inches.